IPMI Firmware / BIOS Release Notes Form

Product Name	**H12SSW-iN/NT (All)**
Release Version	**1.0b**
Release Date	**11/15/2019**
Previous Version	**1.0**
Update Category	**Critical**
Dependencies	**N/A**
Important Notes	**ECO #23225** **BIOS Image: H12SSW9.B15** **Please update BIOS with attached Flash Utility in package.**
Enhancements	1. Change BIOS revision to 1.0b. 2. Add "DRAM Scrub Time" in Memory Configuration. 3. Update AGESA RomePI to 1.0.0.4 based on 5.14_RomeCrb_0ACMK012. 4. Use AMD CBS "PCIe ARI Support" item instead of "ARI Forwarding". 5. Update item string "Input the description" and "HTTP Boot One Time" to meet Rome BIOS Setup Template v0.7_20190705. 6. Show 3rd IPMI version in BIOS setup. 7. According to each project's board ID, update SSID of AMD Host Bridge. 8. Set IOMMU default as Auto (Enabled) 9. Exposed item "Preferred IO".
New features	N/A
Fixes	1. Do not display any AMD memory error messages during the POST phase. 2. Fixes recovery function cannot work. 3. Support OOB SATA HDD information and asset information of 2 SATA controllers. 4. No screen output when Boot Mode is changed to EFI. 5. Fixes system will hang when installing NVidia RTX 2080/5000/6000 6. Fixes the issue that "SMCI POST Screen Message" might be shown on BIOS setup menu. 7. Fixes the issue that "SMCI POST Screen Message" might be shown on POST screen during executing EFI Shell application. 8. Patch I/O error message happened when run SPEC CPU2017 test on Asmedia SATA port HDD (H12SSW-iN/NT project board issue #101214).

Release Notes from Previous Release(s) *– these will be appended at the bottom of the current release notes in italic and in smaller print*

Revision 1.0 (2019/07/19)
First release.

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Product Manager   *Date*